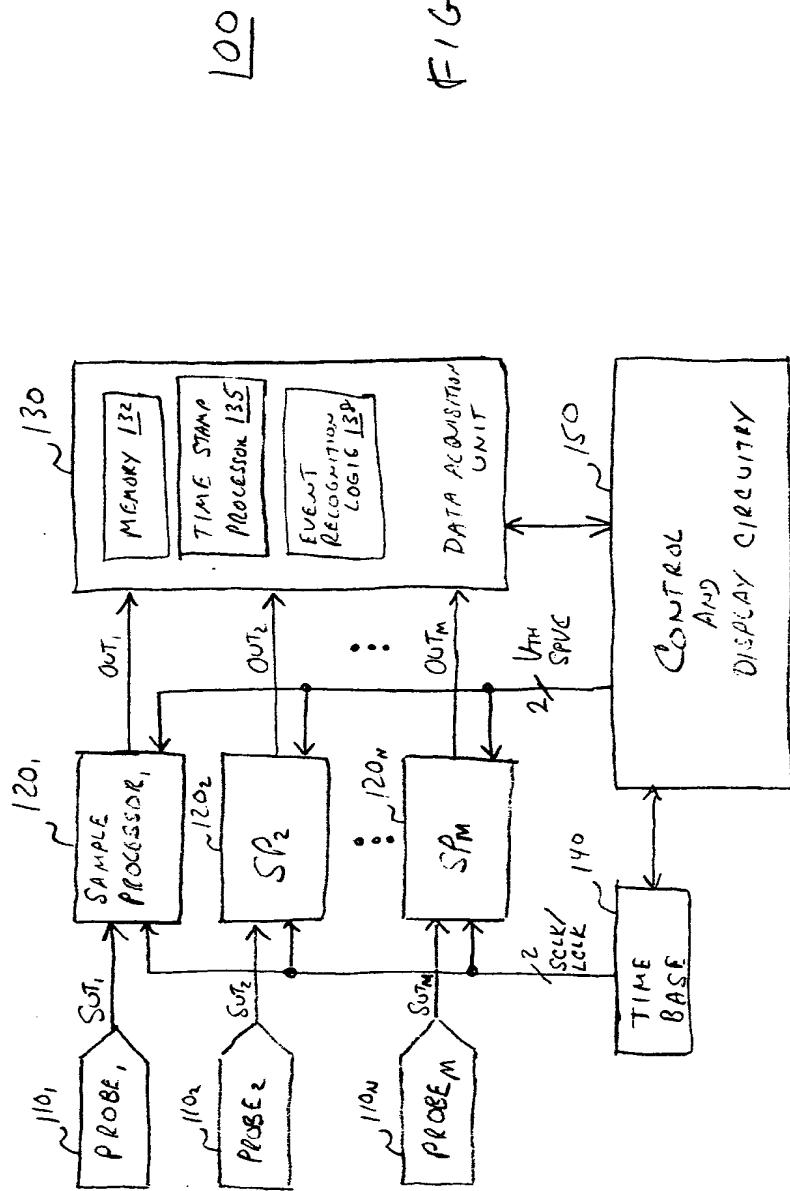


FIG. 1



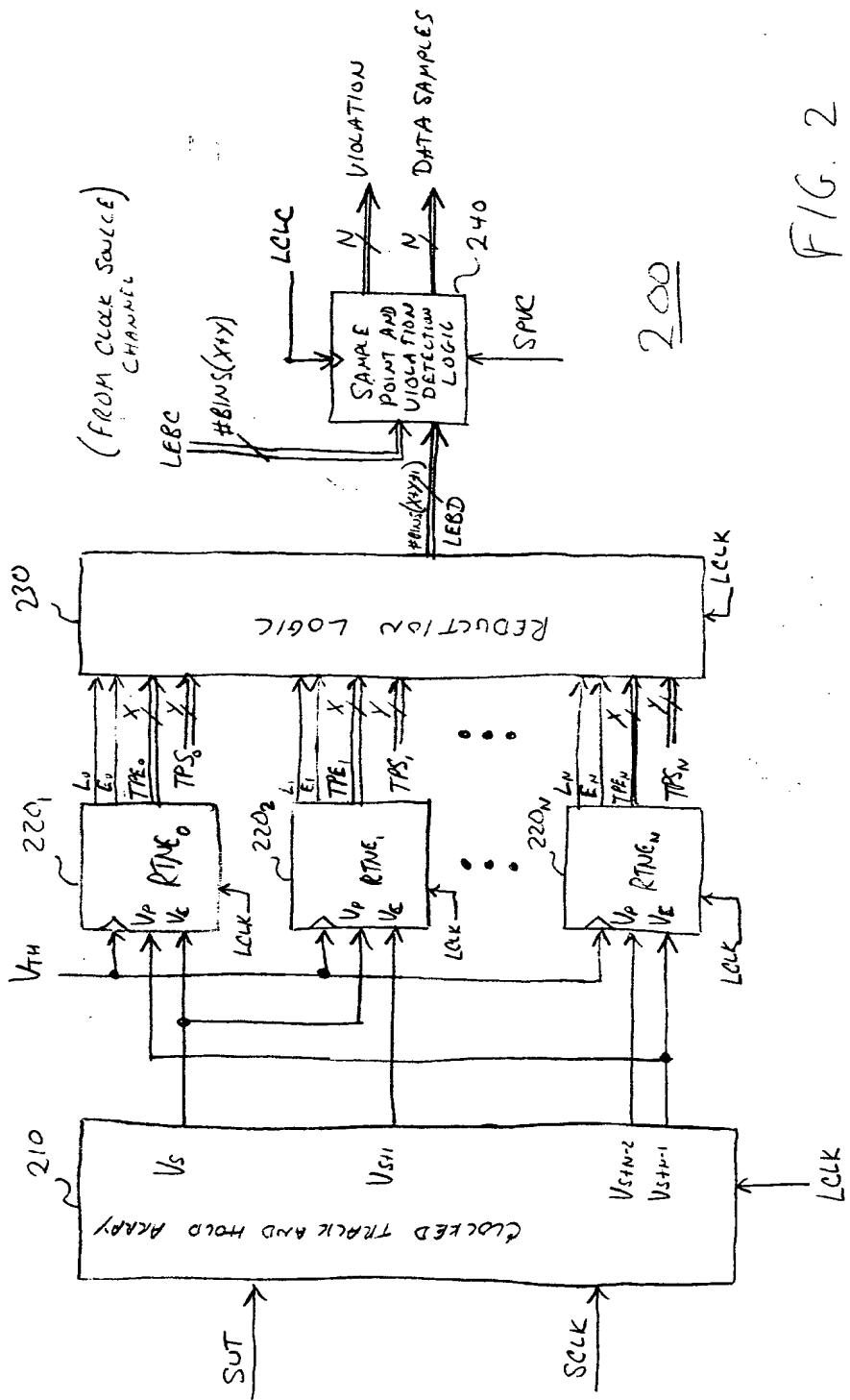
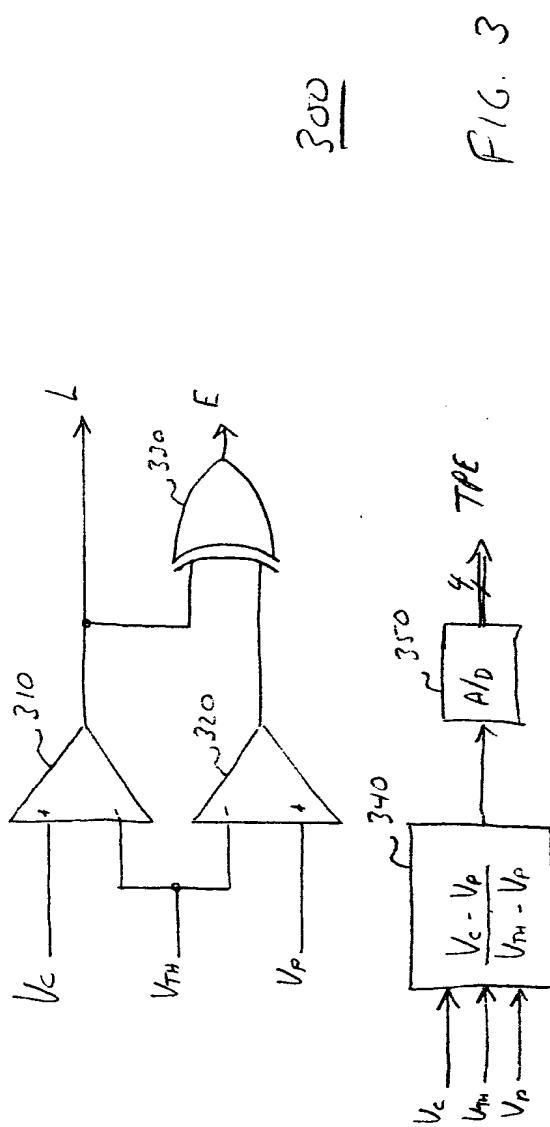
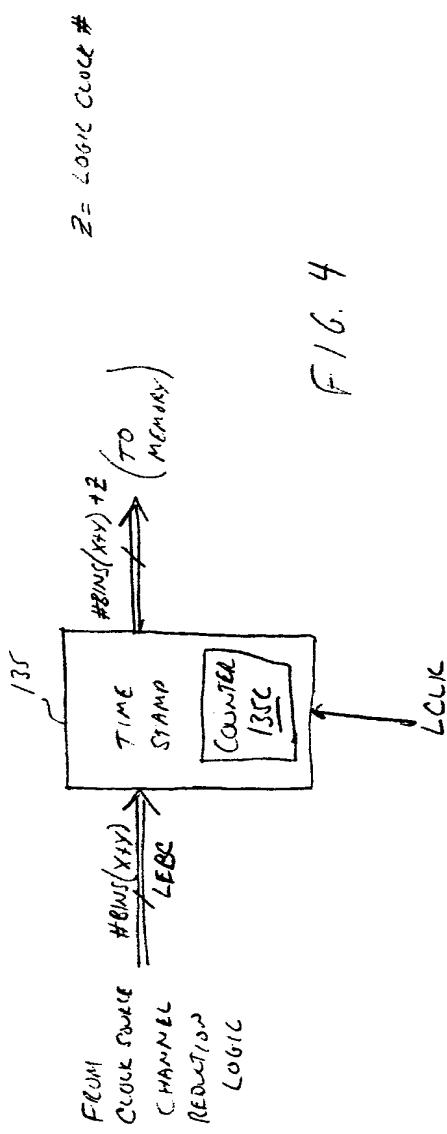
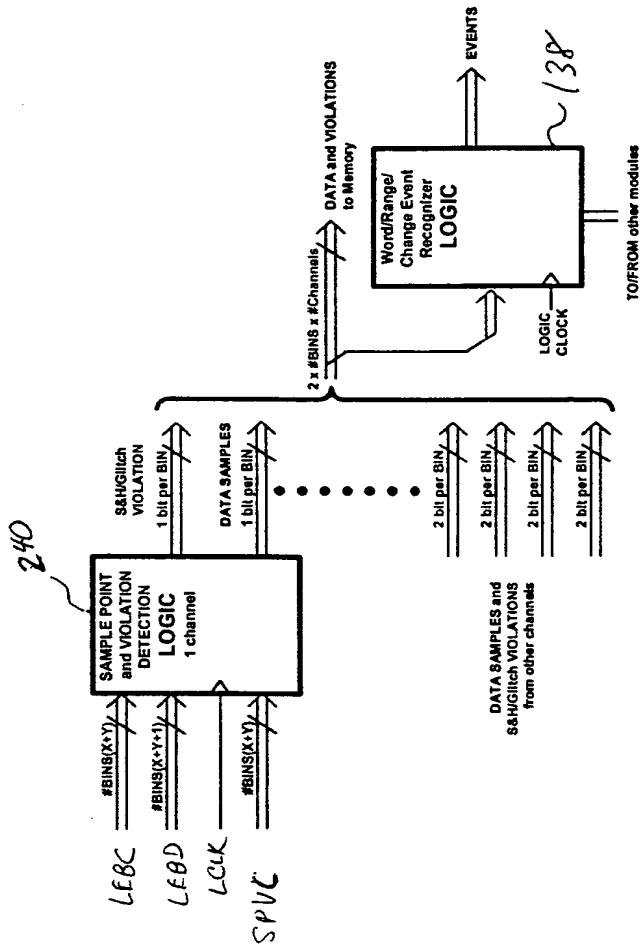


FIG. 2

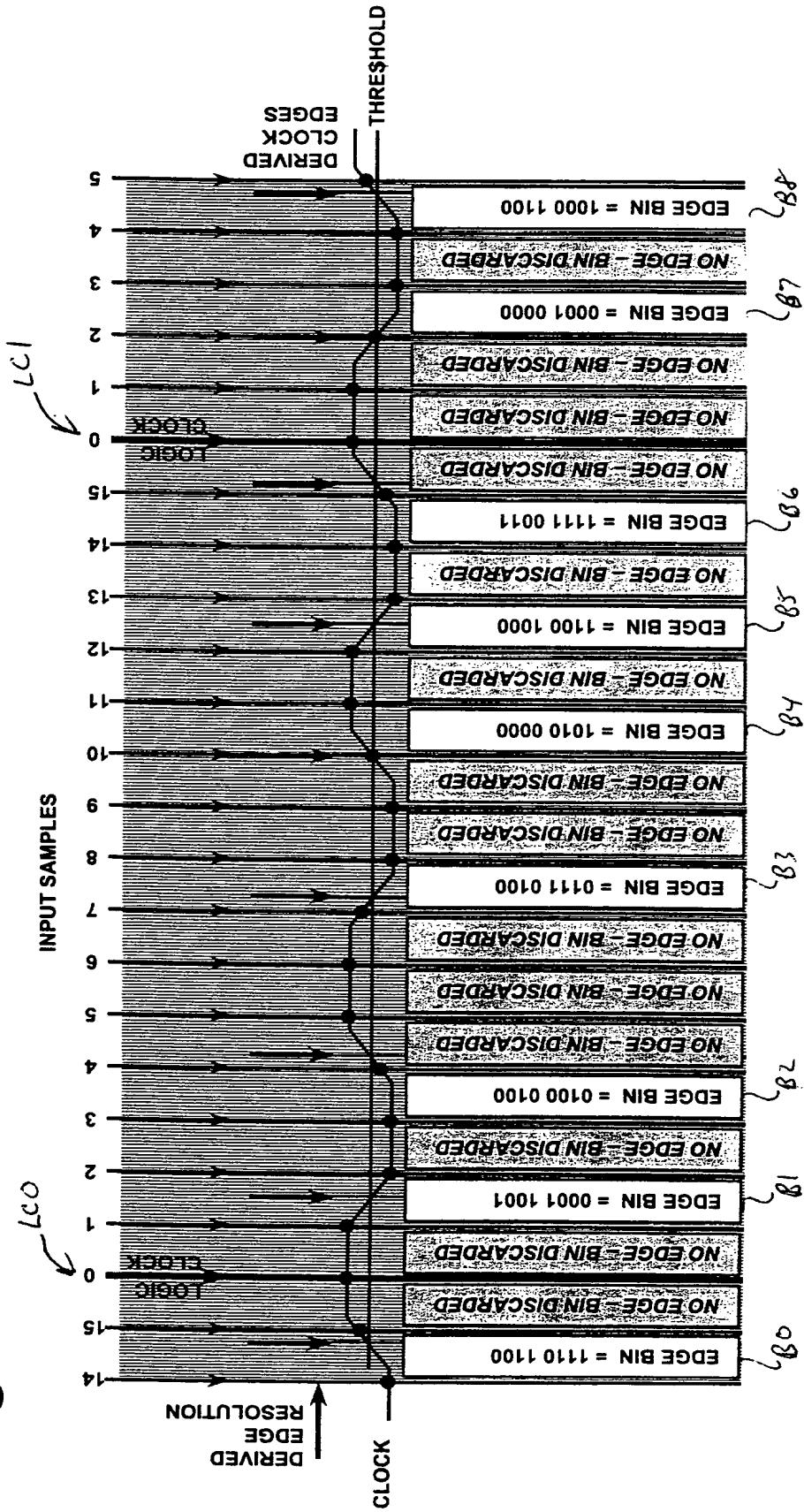






F 16. 5

Edge Detection - CLOCK channel



F16.6

Sample Point Detection

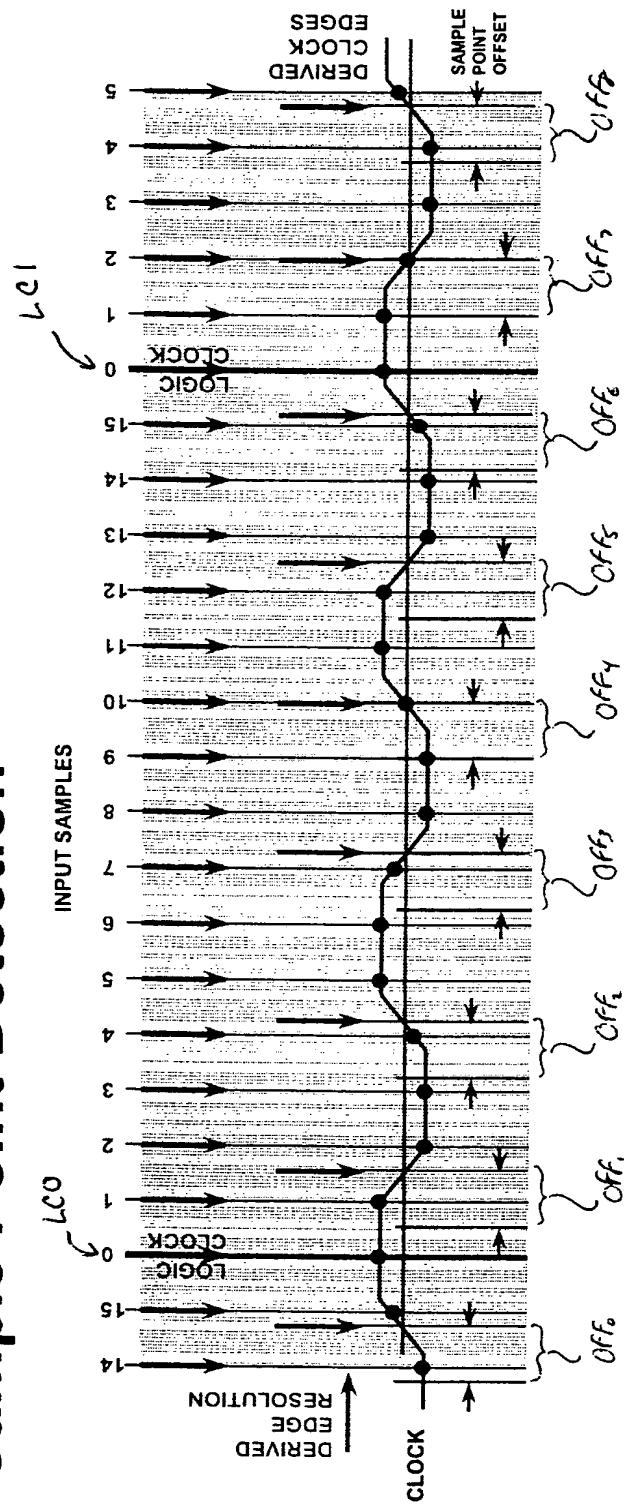


Fig. 7

Edge Detection - DATA channel

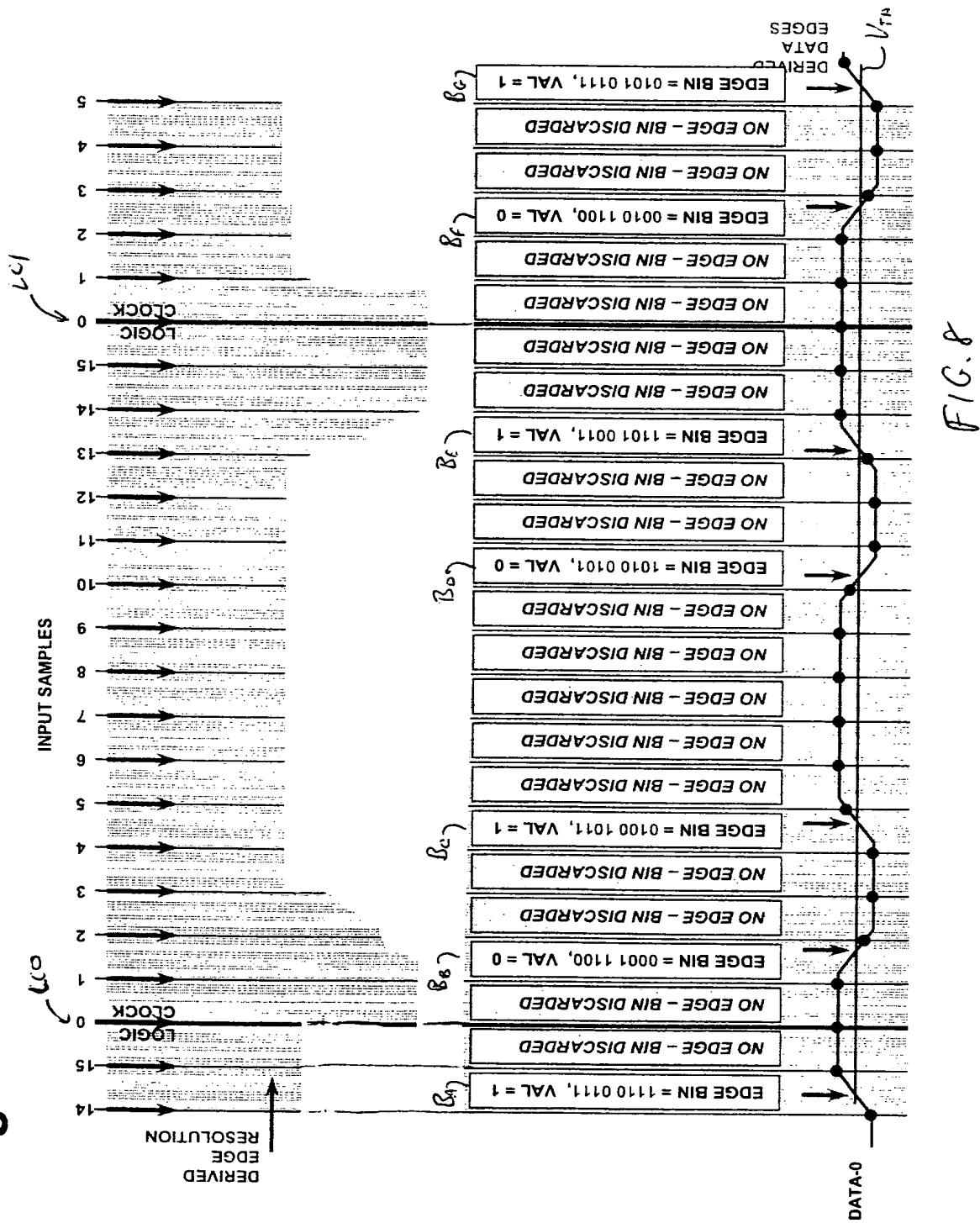


FIG. 8

Sample Point Detection

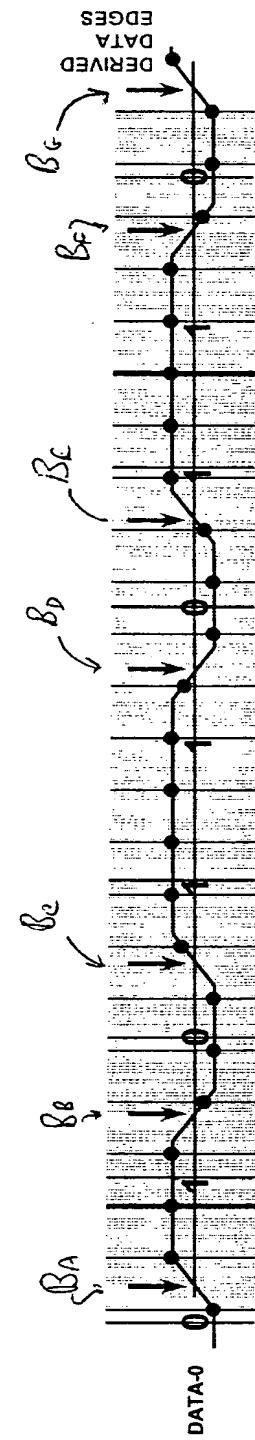
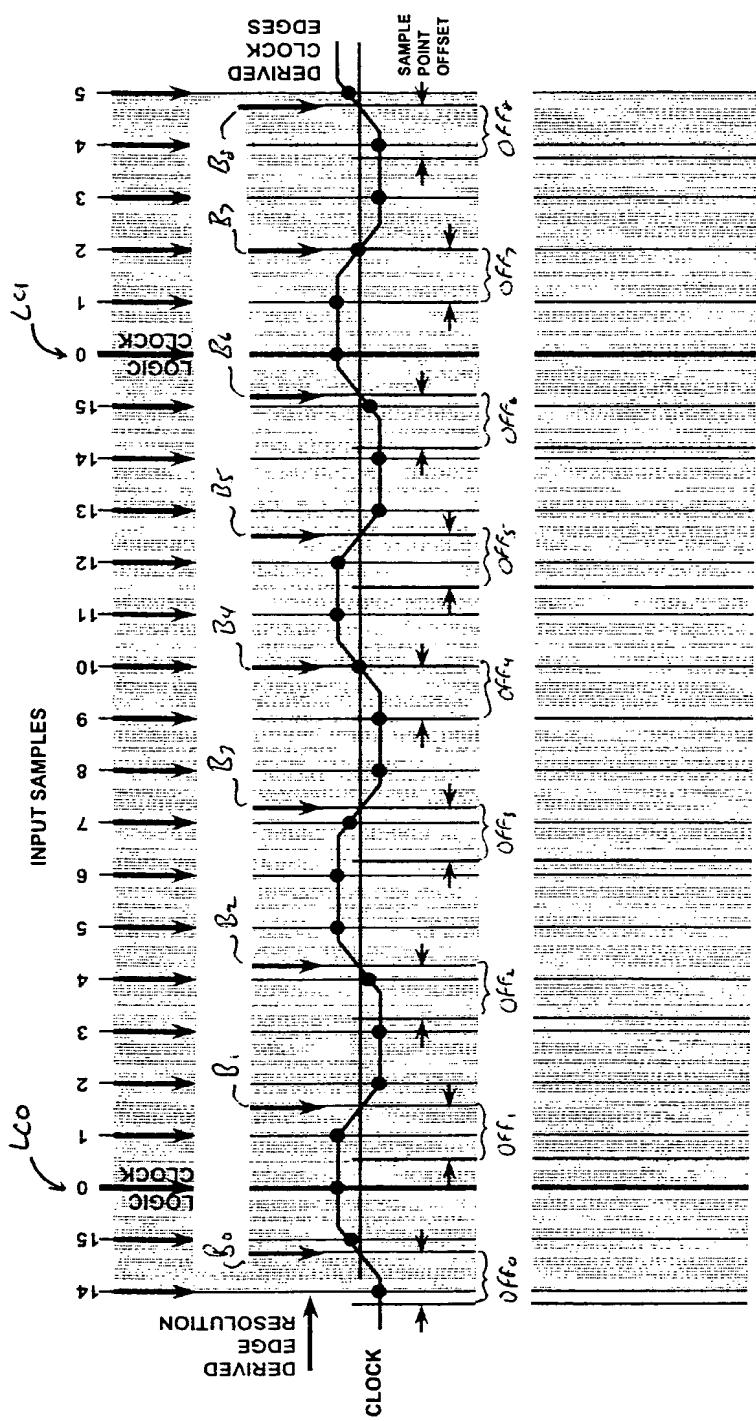
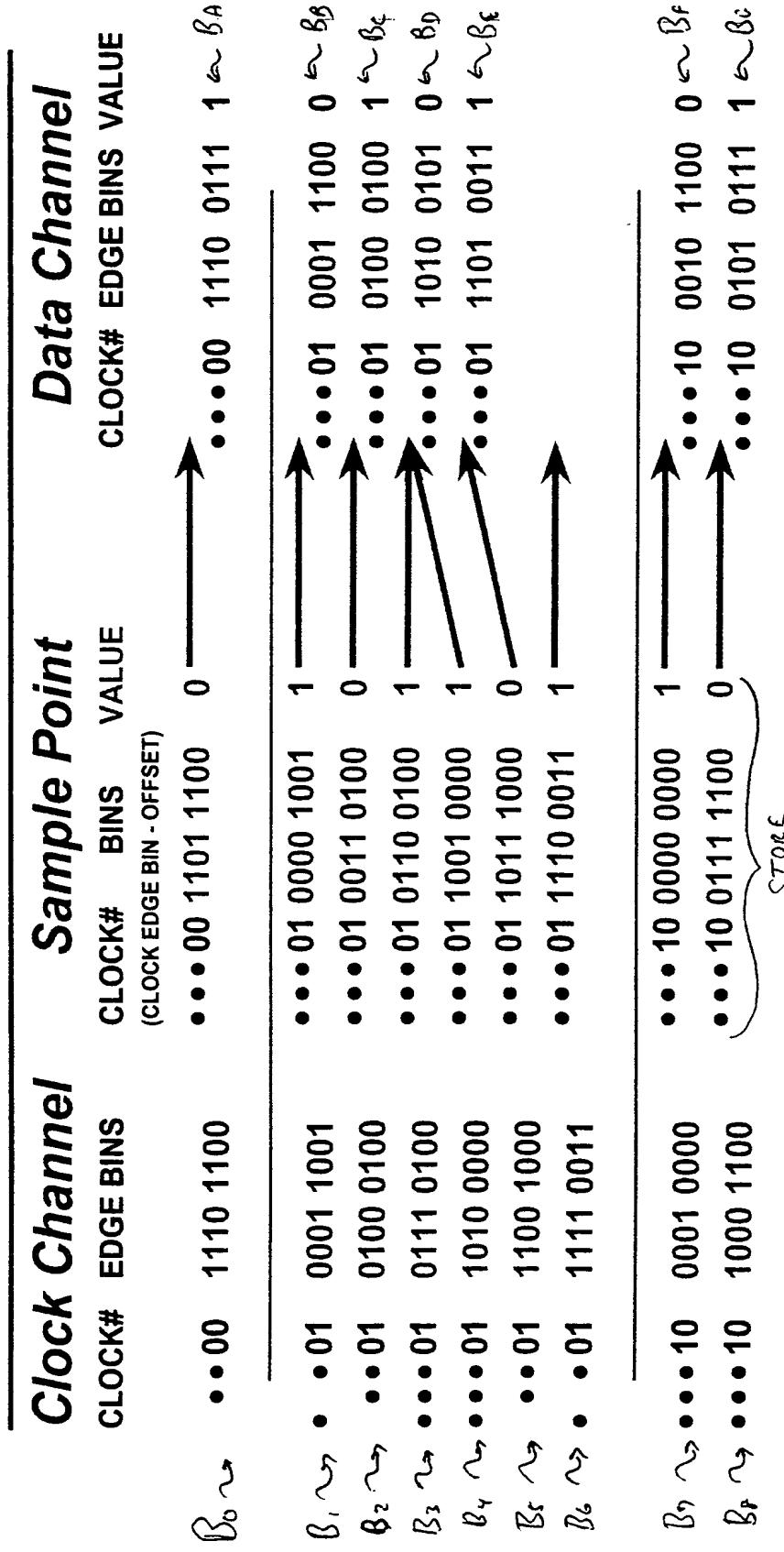


FIG. 9

Sample Point Detection - all channels



Sample point is 100 ps before clock edge
(sample point bin = clock edge bin - 0001 0000)

FIG. 10